

### ABSTRACT

A digital video processing method and an apparatus thereof are provided.

The method for processing digital images received in the form of compressed video streams comprising the step of determining a region intensity histogram (RIH) based

5 on information on motion compensation of inter frames. The RIH information is obtained based on the motion compensation values of inter frames, and the RIH information is a good indicator of motion information of a video scene. Also, since the RIH information is quite a good indicator of intensity of the video scene, video streams having similar intensities can be effectively searched by searching for

10 similar video scenes based on the RIH information obtained by the digital video processing method.